



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: Mosquito Creek @ SR269

Date: 10-04-2018
(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0015

WBID: 376A

Latitude: 30.6886088

(Decimal Degrees)

County: Gadsden

ORG ID: 21FLTLHR

Longitude: 84.415925

(Decimal Degrees)

Receiving Body of Water: Apalachicola River

RQ-2018- 09-10-65

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Chris Green Mike Eckles											☒ Sample Container	☐ Van Dorn	☐ Pole		
											☐ Carboy	☒ Syringe			
											☐ Dipper	☐ Other			
Depth Measured with						Equipment ID									
											Collection Method				
						☒ Wading	☐ Canoe/Kayak								
						☐ From Shore	☐ Electric Motor								
						☐ Other	☐ Gasoline Motor								
Water Level: Dry/ Pooled/ Low / Normal / High / Flooded						Meter ID# 12 YSI 600 XLM			Matrix: Fresh / Marine / DI						
Photos: Yes / No		Flow: No Flow / Intestinal / Flowing / NA				Tide: Rising/ Falling/ Slack/ NA			Tide Times: High Low						
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTH)	Sp COND (umhos/cm)	Temp. (C°)					
EST	12:00	0.2	0.1	0.25	8.86	99.2	7.04	0.04	84	20.98					
CEN															
Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:															
SBIO ID Numbers:		SBIO-ID:		HA-ID:		RPS-ID:		Macrophyte-ID:		LIMS#:					
Parameter Suite		Parameter Methods				Preservation		Lot#		Expiration		pH Check			
Preserved Nutrients		☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP				☒ Ice ☒ H2SO4		SA8501020		4/11/19		☒ <2			
Metals		☒ W-ICPMS ☒ W-ICP				☒ Ice ☒ HNO3		NA8099110		4/19/19		☒ <2			
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 um Filter				☐ Ice									
Chlorophyll		☒ CHLSUITE-W				☐ Ice									
Physical/Aggregate (Fresh)		☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-JC / W-COLOR / W-SO4-JC / W-TDS				☐ Ice									
Physical/Aggregate (Marine)		☐ Alkalinity / W-F / W-TSS / TURBIDITY				☐ Ice									
Macroinvertebrates		☐ MI-FW-QLDC				☐ Formalin									
Periphyton		☐ ALGAE-ID				☐ Ice									
Microbiology		☒ E Coli ☐ F Coli ☐ Enterococci				☐ Ice									
Molecular		☒ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD				☐ Ice									
Tracers		☒ W-E8321-DI ☐ W-E8321-MS				☐ Ice									
Pesticides		☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R				☐ Ice ☐ Other									

Notes:
kit:C-b/t/m

Field/WIN ID →

Location ↓



G2TLHR0015



MOSQUITO CREEK @ SR269

Signature: Chris

Date:

10-04-2018

Enter Field Parameters, Verify Station ID in LIMS DMT: CB 10-15-18

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets CB 10-15-18

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there are qualified data on this page.

Meter ID: 12 YSI 600 XLM

RQ-

Project: SMP 2018

Notes: (1) Always wait for meter to stabilize before recording any readings.

(2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).

(3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 9/18

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Chris Green	10-4-18	8:30	18.32	760.1	9.40	9.41	100.0	63.5	0.79	P / F	L / F
ICV			8:50	18.49	—	9.37	9.42	100.1	—	—	P / F	L / F
CCV			16:05	23.84	—		8.39	98.9	—	—	P / F	L / F
CCV											P / F	L / F

DO Acceptance criteria from Table ± 0.3 mg/L.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	Chris Green	10-4-18	8:35	180621C	07/19	1000	1000	P / F	L / F
ICV			8:48	2802833	10/20	100	102	P / F	L / F
CCV			16:02	11	11	11	99	P / F	L / F
CCV			16:04	180621C	07/19	1000	1005	P / F	L / F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Chris Green	10-4-18	8:38	180621E	01/20	7.00	18.93	6.99	-30.5	P / F	L / F
Calibr.			8:41	180510B	05/19	4.00	19.03	3.99	143.6	P / F	L / F
Calibr.			8:44	180403D	10/19	10.00	18.90	9.95	-188.7	P / F	L / F
ICV			8:46	11	11	10.00	18.92	9.98	—	P / F	L / F
CCV			16:00	180510B	05/19	4.00	18.89	4.02	—	P / F	L / F
CCV										P / F	L / F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ;

mV pH 4 Range $+180 \pm 50$;

mV pH 10 Range -180 ± 50 ;

If mV are recorded: slope from 7 to 10 158.2, slope from 4 to 7 174.1 (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification:

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: 2; Date of last verification: 9/18

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass / Fail	Lab / Field
Pressure mode in air						P / F	L / F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS:

**Florida Department of Environmental Protection
Central Laboratory Submittal Form**

Customer: TLH-ROC

Requester: Michael Eckles

Project ID: SMP

Collected By: Chris Green / Mike EcklesField Report Prepared By: Chris GreenSampling Agency: 8034

Location		Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
WIN/ST		Location ↓		Date 10-04-2018 Time 12:00		Date		(See pg 2)	
Latitude		G2TLHR0015		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.86		Total Res. Chlorine	
		Mosquito Creek @ SR269		Temp (C) 20.98		pH 7.04		Sample Depth 0.1	
		G2TLHR0092		Salinity (ppt) 0.04		Sp. Conductance (umho/cm) 84		C	
Location		Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
WIN/ST		Location ↓		Date 10-04-2018 Time 12:15		Date		(See pg 2)	
Latitude		G2TLHR0002		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.91		Total Res. Chlorine	
		Mosquito Creek @ Jinks Crossing Rd		Temp (C) 22.75		pH 6.77		Sample Depth 0.2	
		G2TLHR0002		Salinity (ppt) 0.03		Sp. Conductance (umho/cm)		C	
Location		Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
WIN/ST		Location ↓		Date 10-04-2018 Time 12:55		Date		(See pg 2)	
Latitude		G2TLHR0002		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 10.12		Total Res. Chlorine	
		Lake Seminole 200m from boat ramp @ River Rd		Temp (C) 27.18		pH 7.86		Sample Depth 0.3	
		G2TLHR0002		Salinity (ppt) 0.06		Sp. Conductance (umho/cm) 134		B	
Location		Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
WIN/ST		Location ↓		Date		Date		(See pg 2)	
Latitude				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
				Temp (C)		pH		Sample Depth	
				Salinity (ppt)		Sp. Conductance (umho/cm)			
Location		Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
WIN/ST		Location ↓		Date		Date		(See pg 2)	
Latitude				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
				Temp (C)		pH		Sample Depth	
				Salinity (ppt)		Sp. Conductance (umho/cm)			

Relinquished By: <u>Chris Green</u>	Date/Time: <u>10-04-18</u>	Shipping Method: <u>Hand</u>	Number of Coolers Shipped: <u>14:00</u>	Received By: <u>[Signature]</u>	Date/Time: <u>10/4/18</u>
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Group: C	Bottle Type: W-TKN W-TOC	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	2
Group: D	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	
Group: D	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	
Group: D	Bottle Type: ECOLI-18QT	P-250ML-WO-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	
Group: D	Bottle Type: W-CARB-AA	BG-500ML	# of Bottles: 1	Preservative: CH2ClCOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	
Group: D	Bottle Type: W-CT-Cl-R W-PCL-SQ-R	BG-500ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	
Group: D	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	
Group: D	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	
Group: D	Bottle Type: W-NH3 W-NO2NO3	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	